

19971105.qrp v00_n900.qrs.971105

Date: Wed, 5 Nov 1997 19:04:22 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 900

QRP-L Digest 900

Topics covered in this issue include:

- 1) [30261] Re: Product Review: PanaVise
by Conway Yee <cyee@bidmc.harvard.edu>
- 2) [30262] How do I postpone?
by JCoote@aol.com
- 3) [30262] PROP: solar storm a'comin
by torell@sicom.com (Kent Torell)
- 4) [30263] new at site
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 5) [30263] FS: Kenwood TS-50s and AT-50
by "Dave Redfearn" <n4elm@ipass.net>
- 6) [30264] Fox success!
by kq0i@juno.com (Mark R Milburn)
- 7) [30265] Alinco Hand Held
by Ryan <ryans@willinet.net>
- 8) [30266] Fox
by Monte Stark <ku7y@sage.dri.edu>
- 9) [30267] ARCI Fall QSO Party e-mail entries
by camqrp@cyberg8t.com (Cam Hartford)
- 10) [30268] QRP-L SS SCORES (2)
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
- 11) [30269] Re: Fox
by Stan <stan@cruzio.com>
- 12) [30270] Wantes: Small log book
by Paul Helbert <phelbert@rica.net>
- 13) [30271] Fox
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 14) [30272] RE:Fox Success!
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 15) [30273] Re: Wantes: Small log book
by "Phil, K6LS" <k6ls@amsat.org>
- 16) [30274] Re: Fox
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 17) [30274] Re: Spartan Sprint... from Tropical MA !!
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 18) [30275] Fox!!
by Jerrydeen@aol.com
- 19) [30276] NorCal... 2N2222... and W1FB

- by rflight@VNET.IBM.COM
- 20) [30277] Re: Multi-band Verticals
by George Gingell <k3tks@u1.abs.net>
 - 21) [30278] URL for Spectrum Software - FREE Spice Program
by Dave Fifield <fifield@pacbell.net>
 - 22) [30279] QRP Satellite Heard
by Dave.Ackrill@LotusXchgPG.powergen.co.uk
 - 23) [30280] Swap 56k modem for QRP rig
by jalbertin@juno.com (Jerry Albertin)
 - 24) [30281] Re:Johnson Matchbox, V-beam update, and tuner comments.
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
 - 25) [30282] ARCI Awards Application
by aa8yo@tir.com (Bob Fox)
 - 26) [30283] Bencher Audio Filter
by Derek Brown <DBrown@RFMD.com>
 - 27) [30284] Thanks for the help re. HB projects and diodes
by "JakeCart" <JakeCart@ix.netcom.com>
 - 28) [30285] W7QQQ
by "Rattray, Bruce" <Rattray@siast.sk.ca>
 - 29) [30286] FOX: Log Report W7QQQ
by Jack Meadows <jackmead@getnet.com>
 - 30) [30287] RE: NorCal... 2N2222... and W1FB
by Ed Manuel <n5em@flash.net>
 - 31) [30288] FOX: At Least I Heard Him This Time!
by Nick Franco <kf2ph@bnl.gov>
 - 32) [30289] Doug DeMaw?/ Altoids case
by Gary Sehne <gxsc@cypress.com>
 - 33) [30290] SS QRP calls
by Jack Bryant <Jack.Bryant@math.tamu.edu>
 - 34) [30290] Sale of 40A and SST
by Stephen Gibson <SWGibson@worldnet.att.net>
 - 35) [30291] Tick II-K1EL compatability
by "Jeff M. Gold" <jmg@tntech.edu>
 - 36) [30292] SGC-2020
by "Jeff M. Gold" <jmg@tntech.edu>
 - 37) [30292] Re: QRP Satellite Heard
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
 - 38) [30293] alternative to Panavise
by "Michael Fletcher" <kl7ixi@mailcity.com>
 - 39) [30293] 2N2222 thanks
by sigcom@juno.com (Stephen M Smith)
 - 40) [30294] W1FB Award; Fox kudos
by gsurrency@juno.com (Gary L L Surrency)
 - 41) [30295] FOX: W7QQQ Bagged!
by Ed Loranger <we6w@qsl.net>
 - 42) [30295] A Fox, at last
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
 - 43) [30296] Re: Tues Fox

by Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
44) [30297] Re: Fox
by "Michael A. Gipe" <mgipe@reliablemeters.com>
45) [30297] Power Polarity Indicator & Rig Protector
by George Gingell <k3tks@u1.abs.net>
46) [30298] SS-QRP Question
by "Bob Kellogg" <ae4ic@nr.infi.net>
47) [30299] Pacificon Hospitality Room Pictures
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
48) [30300] Re: QRP Satellite Heard
by Charlie Panek <charlier@lsid.hp.com>
49) [30301] Dual Coax Feeds.
by George Gingell <k3tks@u1.abs.net>
50) [30302] TR or NA have ARCI templates?
by "Mark S. Adams" <msadams@acsu.buffalo.edu>
51) [30303] GQ2000
by Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
52) [30304] MiniCircuits VCOs
by "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
53) [30305] Re: TR or NA have ARCI templates?
by Bob Patten <n4bp@shadow.net>
54) [30305] Wanted
by tom whalen <whalen@swcp.com>
55) [30306] Re: Fox kudos
by Joe Gervais <vole@primenet.com>
56) [30307] Wanted
by tom whalen <whalen@swcp.com>
57) [30308] Norcal Paddle Progress Report, we6w. AND ERRATTA
by Ed Loranger <we6w@qsl.net>
58) [30309] 2N2222 Article
by Paul Cecil <cecilp@mail3.bunt.com>
59) [30310] Re: MiniCircuits VCOs
by laura halliday <ve7ldh@direct.ca>
60) [30311] Pixie/49er Contest Rules
by Randy Hargenrader <randyh@harksystems.com>
61) [30312] Drake TR-3 sidetone answers.
by Ed Loranger <we6w@qsl.net>
62) [30312] Paddle kit arrived!
by ab5uacw@juno.com (Clifton W Sikes)
63) [30313] Re: NorCal... 2N2222... and W1FB
by bruce muscolino <w6toy@pop.erols.com>
64) [30314] Re: Power Polarity Indicator & Rig Protector
by Steven Weber <kd1jv@moose.ncia.net>
65) [30315] More 2N2 notes
by Steven Weber <kd1jv@moose.ncia.net>
66) [30316] Question: where can I get "enamel" wire
by "JakeCart" <JakeCart@ix.netcom.com>
67) [30316] DeMaw 2N2222 BFO Circuit

by launerb@crl.com (William H. Launer)
68) [30316] Re: Autek RF-1 "mods"
by Paul Helbert <phelbert@rica.net>
69) [30317] FOX: N/T Fox Friday Night, W2MBY
by "W2MBY & W2MY" <n2mnn@spacegate.com>

Date: Tue, 4 Nov 1997 18:55:59 EST
From: Conway Yee <cyee@bidmc.harvard.edu>
To: <qrp-l@Lehigh.edu>
Subject: [30261] Re: Product Review: PanaVise
Message-ID: <11041997185559.3N218T@email.bidmc.harvard.edu>

About the panavise jr. If it is the one I am thinking about, it is only useful for fairly small pc boards. Many boards out there are too big for it.

Conway Yee

Date: Tue, 4 Nov 1997 12:24:20 -0500 (EST)
From: JCoote@aol.com
To: qrp-l@Lehigh.edu
Subject: [30262] How do I postpone?
Message-ID: <971104111951_104240576@mrin44.mail.aol.com>

The "help" instructions for QRP-L were unclear. How do I postpone, unsubscribe and subscribe?

Thanks,
Jay W6CJ

Date: Tue, 4 Nov 1997 17:46:21 -0700
From: torell@sicom.com (Kent Torell)
To: qrp-l@Lehigh.edu
Subject: [30262] PROP: solar storm a'comin
Message-ID: <v02130502b0857152b4f5@[192.91.202.41]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My, ol Sol is acting up nicely! All this activity has launched a few CME's our way, just intime for the thursday nite fox ... good luck, Mike! Maybe

it will be timed so your signal is clear all across the country :-) Notes
from SESC:

PENTICTON 10.7 CM FLUX
OBSERVED 04 NOV 118
PREDICTED 05 NOV-07 NOV 121/122/120

GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD SHOULD BE
UNSETTLED TO SLIGHTLY ACTIVE ON 05 NOV. ACTIVE TO MINOR STORM
CONDITIONS SHOULD BEGIN ON 06 NOV AS A RESULT OF A HALO CME OBSERVED
ON 03 NOV. MAJOR STORM CONDITIONS ARE FORECAST FOR 07 NOV FROM THE
X2 EVENT AND HALO CME OBSERVED ON 04 NOV. ISOLATED SEVERE STORMING
IS POSSIBLE ON 07 NOV. ANOTHER PROTON EVENT IS POSSIBLE SHOULD
REGION 8100 PRODUCE AN ADDITIONAL MAJOR FLARE. HOWEVER, AS MENTIONED
ABOVE, ONLY ISOLATED MAJOR FLARES ARE EXPECTED IN THE NEAR FUTURE.

V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 03 NOV 003/003
ESTIMATED AFR/AP 04 NOV 008/010
PREDICTED AFR/AP 05 NOV-07 NOV 015/020-025/035-050/060

VI. GEOMAGNETIC ACTIVITY PROBABILITIES 05 NOV-07 NOV

A. MIDDLE LATITUDES

ACTIVE 20/25/25
MINOR STORM 10/30/25
MAJOR-SEVERE STORM 05/15/30

B. HIGH LATITUDES

ACTIVE 20/25/20
MINOR STORM 20/35/30
MAJOR-SEVERE STORM 05/20/35

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A scQRPion 6,qrp-l 57,ARCI 9075 DM33xn 33.55 N 112.078 W

Date: Tue, 4 Nov 1997 21:36:44 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: towertalk@contesting.com, antennas@qth.net, QRP-L List <qrp-l@Lehigh.EDU>,
gqrp-l@blacksheep.org
Subject: [30263] new at site
Message-ID: <Pine.SOL.3.94.971104213324.8696A-100000@utkux4.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have placed the latest 10-10 News column (coax short story) and Low Down episode (making yur ATU work on any band) at the site. Nothing especially new here--just a review of some fundamentals.

-73-

LB, W4RNL

L. B. Cebik, W4RNL /\ /\ * / / / (Off) (423) 974-7215
1434 High Mesa Drive / \/ \/ ----/\---- (Hm) (423) 938-6335
Knoxville, Tennessee /\ \ \ / / || / (FAX) (423) 974-3509
37938-4443 USA / \ \ \ || cebik@utk.edu
 URL: <http://funnelweb.utcc.utk.edu/~cebik/radio.html>

Date: Tue, 4 Nov 1997 21:46:34 -0500
From: "Dave Redfearn" <n4elm@ipass.net>
To: <qrp-1@Lehigh.EDU>
Subject: [30263] FS: Kenwood TS-50s and AT-50
Message-ID: <199711050300.WAA15169@passport.ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

For Sale:
Kenwood TS-50S HF Transceiver
160-10 Meters + WARC bands
General Coverage RX
SSB,CW,AM & FM
TX power levels set for L- 4.5 watts, M - 50 watts, H - 100 watts

with:
IRCI 2.1 Khz 8 pole crystal filter kit installed,
Kenwood 500 Hz CW crystal filter, DC cable,
mike, manual, mobile mount, and box.

Kenwood AT-50 Antenna tuner
Matches the TS-50
with interface cable.

Good to excellent electrically, fair to good outside.
Some scratches on the case and front panel of the TS-50.
Some scratches on the case and a wear mark on the front of the AT-50.
Everything works fine, all controls, lights and lettering are visible.

All for \$800.00 shipped in lower 48, extra for COD.

73 - Dave, N4ELM.

Date: Tue, 04 Nov 1997 22:18:15 EST
From: kq0i@juno.com (Mark R Milburn)
To: qrp-l@Lehigh.EDU
Subject: [30264] Fox success!
Message-ID: <19971104.202834.5255.0.KQ0I@juno.com>

Aha, victory is sweet! Fox #1 is now in the record book. Thanks to all for a very nice job tonight. The first few fox nights were pretty ragged, but tonight everyone was doing the old cooperative act staying quiet while the fox worked, not calling endlessly, running a good pace. it was great...thanks to everyone.
72/73 Mark

Mark Milburn, KQ0I@W0AK.#CIA.IA.USA.NOAM E-mail KQ0I@juno.com
ARRL;QRP-L #625;NORCAL #1829;ARS #139;NW QRP #418;QRP ARCI #9226

Date: Tue, 04 Nov 1997 21:44:54 -0700
From: Ryan <ryans@willinet.net>
To: qrp-l@Lehigh.EDU
Subject: [30265] Alinco Hand Held
Message-ID: <3.0.3.32.19971104214454.007d3e70@mail.willinet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I see that the alinco DJ-S11T 2M HH is available for \$88.00. On high power it puts out 340mw, and on low 50mw. Has anyone used one of these radios? Is there much VHF qrp'ing going on? They also have a radio on the 445MHz band for the same price.

Is there any chance of DX with these radio's? Thanks for any info.

Also, I just got a new HF rig, but I its got so many knobs and switches I can't get it to work. (Yes I'm new to this). I just want to get it up and recieving. Has anyone had experience with a Yeasu FT-902DM ? Email me if you can help me and I'll tell you more. Thanks a lot for any help.

Ryan

Date: Tue, 04 Nov 1997 19:52:17 -0800
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [30266] Fox
Message-ID: <345FED71.734F@sage.dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Condx were not good for NV-AZ tonight!

I heard a few stations working Jack. Most of the time I could not copy him.

Then at a little after 0220z he jumped up to about 559! I worked him using the full 5w! In another qso or two he was gone again!

Then I went down to the lower end and found CY0DX around 7026. No pile up so I cut to 950 mW and had a nice little chat with him!!

Guess the band was already too long for the fox at 0200z!

Lets hope that doesn't happen to Mike!

Good job Jack. You sounded like you had the hounds doing your bidding!

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP QRCI #8829-----NorCal #330-----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Tue, 4 Nov 1997 19:54:37 -0800 (PST)
From: camqrp@cyberg8t.com (Cam Hartford)
To: qrp-l@Lehigh.edu
Subject: [30267] ARCI Fall QSO Party e-mail entries
Message-ID: <199711050354.TAA08840@key.cyberg8t.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang -

I have received entries from the following people via e-mail. If you have e-mailed your entry to me but your name isn't listed here, send me a note. We'll go hunt it down.

OH9VL	W9FHA	N9AG
G3XJS	W8VQ	N4UY
DK7VW	AB5SE	K3TKS
LY2FE	N3XRV	N2TNN
VE6GK	AD4ZE	K1RC
VE7CQK	N2CQ	WQ8RP
N0UR	N2WF	K3WWP
KB2SGM	KE3FL	WJ7H
N0AX	KQ0I	WA8HGZ
WA8MCQ		

Thanks es 72,

Cam N6GA

Date: Wed, 05 Nov 1997 04:06:03 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU
Subject: [30268] QRP-L SS SCORES (2)
Message-ID: <3.0.16.19971105040509.26cfd32@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

call	score	qso	mlt

AE0Q	87,756	618	71
KU7Y	86,394	561	77

W1EAT	72,600	484	75
WZ2T	61,323	420	73
KX7L	60,680	410	74
N8ET	50,224	344	73
K10J	29,920	220	68
K06KA	26,004	197	66
W9DZ	23,400	180	65
K4WZ	23,240	166	70
VE7CQK	18,000	150	60
NQ7X	17,520	131	60
AE4IC	13,716	127	54
WP4JXD	13,300	133	50
W5VB0	12,288	128	48
W1PA	10,528	112	47
N2T0	9,270	103	45
NQ2RP	6,704	81	42
AA1IK	4,880	61	40
WA1QVM	4,588	62	37
K50I	3,468	51	34
KI0G	2,400	50	24
WB2VU0	1,080	27	20
KV2X	900	25	18
AB70A	364	14	13
KM5D	34	4	4

K5F0 ?
N4R0A ?

If you're a qrp-l member and operated qrp (class Q) in the ARRL CW Sweepstakes, send me a note with your claimed score, number of qso's and multipliers, and I'll add you to the list.

In the Subject: line, put QRPLSS, followed by your call, so my mail filter will sort it out for me.

...Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Tue, 04 Nov 1997 20:33:08 -0800

From: Stan <stan@cruzio.com>
To: ku7y@sage.dri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30269] Re: Fox
Message-ID: <345FF704.40FE@cruzio.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monte Stark wrote:

>
> Condx were not good for NV-AZ tonight!
>
> I heard a few stations working Jack. Most of the time I could not copy
> him.
>
> Then at a little after 0220z he jumped up to about 559! I worked him
> using the full 5w! In another qso or two he was gone again!
>
> Then I went down to the lower end and found CY0DX around 7026. No pile
> up so I cut to 950 mW and had a nice little chat with him!!

Reverse procedure here. Worked cy0 last night using split - up 1.

Heard Jack cq'ing lonely around 2050, thought he got a late start as
first sign of him or hunters was just then.

Called Jack and he came right back, wasn't till later that I realized my
xit was still on - up 1.. great job Jack..

Stan N6XU

Date: Tue, 04 Nov 1997 23:54:09 -0500
From: Paul Helbert <phelbert@rica.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30270] Wantes: Small log book
Message-ID: <345FFBF0.534D75D2@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Seems like I've seen a blurb somewhere for some small log books. Any
leads? I'd like to devote one to each qrp rig. (ARRL no longer does

them.)

TU,
Paul, Wv3j

Date: Tue, 4 Nov 1997 23:47:57 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:ku7y@sage.dri.edu" <ku7y@sage.dri.edu>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [30271] Fox
Message-ID: <199711042350_MC2-26C3-A42F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Ron

Congrats on snagging him tonight. Got him myself, luckily. He was 569 to my 559 at 0221. Whew!

Here is QSL info on CY0DX:

Gyorgy Balint
59 Snowcrest Avenue
North York, Ontario
M2K 2K9

(Got this info from Tim Pettibone K50I,)

Not certain whether he is the op himself, or only the QSL manager. Believe his call is VA3EU. Anyway, already sent mine. And wow does he ever have a BIG signal here night after night.

GL es 72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 11/05/97 11 of 12 + 8 of 11 N/T+ FOX.

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Tue, 4 Nov 1997 23:48:03 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [30272] RE:Fox Success!
Message-ID: <199711042350_MC2-26C3-A430@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Mark:

Well a thousand *yahoos" to you, OM. Know the feeling! I get as big a thrill out of catching a FOX as working DX. So hang in there and go for the rest of the FOXEs. Lots more scheduled, including some later this week :-). Will be pulling for you, and hope to hear you in the pileup.

And please plan now to catch me later on during the season. Congrats again and keep up the good work.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 11/05/97 11 of 12 + 8 of 11 N/T+ FOX.

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"
--A. Einstein

Date: Tue, 04 Nov 1997 21:54:32 -0600
From: "Phil, K6LS" <k6ls@amsat.org>
To: phelbert@rica.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30273] Re: Wantes: Small log book
Message-ID: <345FEDF7.1F7DB7F1@amsat.org>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There is a nice little log book put out by Wilderness Radio. (I have one myself)
all the details can be found here:

<http://www.fix.net/jparker/wild.html>

--
73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org <http://www.qsl.net/k6ls>

DM79or , Arapahoe County, Colorado ITU zone 7, CQ zone 4

QRP-L #612 NorCal #824 CQC #471 ARCI #8866

Date: Tue, 4 Nov 1997 23:59:51 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:stan@cruzio.com" <stan@cruzio.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [30274] Re: Fox
Message-ID: <199711050003_MC2-26C2-B2EA@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Stan:

Congrats on yet another successful FOXhunt! Usually I hear you, but not tonight for some reason. Band was up and down in the beginning 30

minutes. Part of the time Jack disappeared, but then he was up to 569 during our QSO at 0221.

Continued good luck es 72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 11/05/97 11 of 12 + 8 of 11 N/T+ FOX.

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Wed, 5 Nov 1997 00:13:26 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:malman@BBN.COM" <malman@BBN.COM>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [30274] Re: Spartan Sprint... from Tropical MA !!
Message-ID: <199711050014_MC2-26D1-901F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Joel:

Did you perhaps mean *K0EVZ* or K0EVQ?! There may be one, of course. But I *do* have you in my log, too. Please advise. I only had 11 Q's...the last one from some 5-watter who did not know about the Sprint! Does *now* though.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/40
DXCC 56/42 <>< FOX Total 11/05/97 11 of 12 + 8 of 11 N/T+ FOX.

Icom 751A Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Wed, 5 Nov 1997 00:50:21 -0500 (EST)
From: Jerrydeen@aol.com
To: qrp-1@Lehigh.EDU
Subject: [30275] Fox!!
Message-ID: <971105002723_1703049706@mrin41.mail.aol.com>

Wow, was Jack ever loud at times tonight. 579 much of the time and doing a great job. Thanks for the contact, Jack. Iowa gets very cold and we need those pelts!! :-))

72, Jerry WB0T

Date: Wed, 5 Nov 97 01:09:23 EST
From: rflight@VNET.IBM.COM
To: qrp-1@Lehigh.EDU
Subject: [30276] NorCal... 2N2222... and W1FB
Message-ID: <199711050609.BAA35728@nss4.cc.Lehigh.EDU>

Gang;

What say we add to the chaos now underway and pressure our friends at NorCal to award the 2N2222 contest winner the first annual W1FB award in honor of one who has either directly or indirectly, in whole or in part, been mentor and/or motivator to so many who now embrace QRP as a way of life.

Inasmuch as this device has been abundantly proliferated through the writings of one Milton F. (Doug) DeMaw, W1FB whose influence led to their infiltration into the vessels of QRP operators the world over, acknowledgement of his contribution should also span the generations that follow. If indeed there will always be a 2N2222... there will surely be a part of Doug embracing the energy that brings it to life.

The NorCal team boldly declared (and remains unchallenged) that the 2N2222 is the cockroach of silicon and as such must be herded into ethnic congregations. Furthermore, said communities shall not exceed 22 in number and shall be forcefully restrained from mixing with similar active members of the species bearing three appendages and rogue ID's, regardless of gender.

The 2N2222 contest, sponsored by NorCal, should be an annual event honoring Dougs contributions and recognizing the innovation of his peers in the spirit of doing more with less. There are an abundance of project ideas discussed in QRP journals as well as on this list that are excellent

candidates for 2N2222 based designs... enough fuel to bridge us well into the next millennium.... certainly for the next 22 years :-)

So... all you folks at NorCal... Think you can go the distance?

72

Gary, N3G0 Raleigh, NC

Date: Wed, 5 Nov 1997 02:30:57 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: k7sz@juno.com
Cc: DBrown@rfmd.com, QRP List <qrp-l@Lehigh.EDU>, "N.J. QRP Club List Server" <njqrp@njqrp.org>, G-QRP Club E-mail Reflector <gqrp-l@blacksheep.org>, Dave Johnson KnightLite QRP Club <klqrp@acpub.duke.edu>
Subject: [30277] Re: Multi-band Verticals
Message-ID: <Pine.BSI.3.96.971105022800.19553B-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A reasonable price, but I will have to pass for right now. If no takers within a reasonable period, check back with me. I may reconsider. I have two now and a third would make me consider a phased array.

Sir George the First

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station KB3BVG
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

On Tue, 4 Nov 1997 k7sz@juno.com wrote:

> Just so happens that I have a SLV/MMA that I am MORE than willing to part
> with. I paid \$80 plus shipping. I'll sell it for \$50 plus shipping.

>

> 73 rich K7SZ

>

Date: Wed, 05 Nov 1997 07:35:19 -0800
From: Dave Fifield <fifiield@pacbell.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [30278] URL for Spectrum Software - FREE Spice Program
Message-ID: <34609237.3292@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I typed the URL for Spectrumsoft incorrectly in my previous posting a couple of days ago. Thanks go to a couple of our keen-eyed list members for spotting it (Ron KD7VD and Mike K1MG).

The MicroCapV Spice demo software is (really) available from
<http://www.spectrum-soft.com/>

Sorry if any of you went on a wild goose chase...

72, Dave Fifield, AD6AY
(foxes, badgers.....now geese.....whatever next!?)

Date: 05 Nov 1997 10:41:27 +0000
From: Dave.Ackrill@LotusXchgPG.powergen.co.uk
To: qrp-l@Lehigh.EDU, gqrp-l@blacksheep.org
Subject: [30279] QRP Satellite Heard
Message-ID: <971105104127Z*/G=Dave/S=Ackrill/O=LotusXchgPG/PRMD=POWERGEN/ADMD=CWMAIL/C=GB/@MHS>

In case anyone has not heard, there is a QRP satellite running in the 2M Amateur Satellite band.

It is a 1/3rd scale model of the original Sputnik 1, which has apparently been built by Russian and French High School Students and is running between 100 and 200mW, circular polarisation with a 1.3kHz wide FM "bleep" between 145.810 and 145.850MHz.

This morning (Wednesday 5th November 1997) it was plainly audible whilst I was driving down to the Office at about 07:42 UTC and again at 09:14

UTC, proving the usual orbit time of about 90 minutes was holding about right. I heard the first pass whilst passing through the Sheffield area and the next pass whilst approaching the Office in Coventry (delays on the motorway were actually a help today :-)

Equipment in use was an Alinco Dual Band handheld (2M and 70CM) and a small mobile dual band antenna. So I would guess that almost anyone with a 2M FM receiver should be able to hear this QRP transmitter when it is above the horizon.

A friend, who gave me the predicted pass times, was sceptical about whether I would hear it on the handheld, especially as my car is notorious for EMC interference on 2M - Does anyone have any cures for the unstable "ticking" noise generated by many modern cars? My current car is an Audi, and it is as bad as the Vauxhall I had a few years ago!

Has anyone else heard the satellite? Would be interested to know if anyone is collecting reports of this experiment, or have a contact address for the two High Schools involved?

72 de Dave (G0DJA)

*** NEW PRIVATE EMAIL ADDRESS DUE SOON *** (I hope!)

Date: Wed, 05 Nov 1997 06:15:17 EST
From: jalbertin@juno.com (Jerry Albertin)
To: qrp-l@Lehigh.EDU
Subject: [30280] Swap 56k modem for QRP rig
Message-ID: <19971105.071119.5311.0.JAlbertin@juno.com>

Name here is Jerry and I'm looking for a good used qrp rig.
Would like a MFJ 9040 but am open to what is available.

Have a new in the unopened box, Hayes Accura 56k internal speakerphone, data/fax modem to swap. It is full duplex speakerphone has voice mail and caller ID. It is plug and play and sold new for \$159.

Tnx.....Jerry kg2jff

Date: Wed, 5 Nov 1997 06:49:09 -0500 (EST)
From: "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
To: "Paul D. Schrader" <n4xm@iglou.com>
Cc: Jim Reid <jreid@aloha.net>, QRP-L List <qrp-l@Lehigh.EDU>, gqrp-

l@blacksheep.org, "Paul.D.Schrader <n4xm@iglou.com>"@haleakala.aloha.net
Subject: [30281] Re:Johnson Matchbox, V-beam update, and tuner comments.
Message-ID: <Pine.SOL.3.94.971105064614.3931A-100000@utkux4.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Re: Vee beams and sharpness of tuning.

Do not become a slave to the panel marking on the box. You can try the next band up or the next band down to see if there are settings giving broader coverage and better matches. The Johnson coil taps are too few to give a good set of alternatives, but up-1/down-1 is always part of the tuning regimen. Of course, at low power at first to get into the ballpark without crisping anything.

-73-

LB, W4RNL

Date: Wed, 5 Nov 1997 08:22:05 -0500 (EST)
From: aa8yo@tir.com (Bob Fox)
To: qrp-l@Lehigh.EDU
Subject: [30282] ARCI Awards Application
Message-ID: <199711051322.IAA22902@sun.tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Please advise how to get an application form for QRP-ARCI WAS. The website only has the form for the 1000 miles per watt award. Do I need an application form at all ? Thanks.

73 - Bob / AA8Y0

e-mail: aa8yo@tir.com
FISTS #3056 QRP-L #1174
QRP-ARCI #9487 MI-QRP #1595
Amateur Radio Operator
Amateur Civil War Historian

Date: Wed, 5 Nov 1997 08:25:11 -0500
From: Derek Brown <DBrown@RFMD.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [30283] Bencher Audio Filter
Message-ID:
<c=US%a=_%p=RF_Micro_Devices%l=PACHACUTEC-971105132511Z-5340@proxy1.rfmd.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

A while back I purchased (secondhand) a Bencher Audio Filter (model BY-1 ?). It works fine but I'd like to have a copy of the schematic / operating instructions in the event there is ever a problem. I contacted Bencher shortly after acquiring it and was told that they no longer had any info (manual, schematic or whatever) on this discontinued product. If someone would make me a copy, I'll happily reimburse them for copy & postage. If you have this info, E-mail me directly and I will send my address.

72 de Derek Brown, WF4I
Greensboro, NC
dbrown@rfmd.com

Date: Wed, 5 Nov 1997 08:30:17 -0500
From: "JakeCart" <JakeCart@ix.netcom.com>
To: <qrp-l@Lehigh.EDU>
Subject: [30284] Thanks for the help re. HB projects and diodes
Message-ID: <199711051330.HAA21978@dfw-ix5.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my question about protecting homebrew projects with diodes. I do appreciate the advice of the folks on this list.

Jake [N4UY]

QRP-L #821, G-QRP #9557, AK/QRP #175, CQrp #46, NJ-QRP #74, NorCal#1457,

ARCI #9392, FISTS #3450
WAS W/C 49/46 need DE
WAS QRP W/C 43/36

Date: Wed, 05 Nov 1997 07:59:23 -0600
From: "Rattray, Bruce" <Rattray@siast.sk.ca>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [30285] W7QQQ
Message-ID: <ABB04875E11AD01191A40000F83092BE3B3F35@stone.siaast.sk.ca>
MIME-version: 1.0
Content-type: text/plain
Content-transfer-encoding: 7BIT

I made it home (visiting daughter and her family) just before 0200Z and a little later there was Jack but only about a 119!...arrrrrgh...so I kicked in my secret weapon and this brought copy up to about 50% with the usual QRM...he was up and down just like a yo-yo...HI HI...
...I followed this tricky fox as he moved a little bit inbetween the ups and downs, still not getting over a 119 without my secret weapon...hmmm, he might be working split ...I called every now and then...not this time, I'm starting to think...
...then at 0243Z I got through on 7.040.88, sent the information...bk for confirmation from Jack.....and?.....oh no!...he's gone!...and I mean gone...15 minutes later and still no Jack...wow, talk about an upside down U mouth...maybe he went up the hill with Jill?...HI HI...
...oh well I still had fun listening and learning...this 'listening' thing is really great...you're learning even though you don't realize it...I'm starting to copy down everything I hear as I find it's all helping me improve my copying cw...when I look at my scratchings, there's a 'picture' of what's happening on the freq...this is great!...0...318Z...he's back in there and about a 229...can my ears take this audacious signal?...you betcha...I crank my hearing aid down so there's no overload...when it comes to catching a fox there are no limits of sacrifice...I call...yahooooo!...one more pelt on the wall but even more important, one more fun-filled evening of learning...thanks a lot Jack for being there...72 - Bruce(VE5RC) QRP-L#886
"QRP! How sweet it is!"

e-mail: rattray@siast.sk.ca

Date: Wed, 5 Nov 1997 07:07:01 -0700 (MST)
From: Jack Meadows <jackmead@getnet.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30286] FOX: Log Report W7QQQ
Message-ID: <Pine.BSI.3.96.971105065318.14173C-1000000@gn2.getnet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang!

It was fun. Rig used was a SST-40 at 4 watts to a 280' horizontal loop. The narrow filter on the SST really helped. That lil kit is no toy...it is a serious performer!

I started out above 7040 to avoid the qrm, and what a surprise! Dave, W0CH immediately answered my call. How did he know where to find me? His 300' long wire antenna must act like a divining rod.

FOX Report: W7QQQ - 5 November 1997

Band	Date	Time	QSO	Call	S	R	Name/Nr	Qth
40CW	05-Nov-97	02:00	1	W0CH	559	559	DAVE618	MO
40CW	05-Nov-97	02:01	2	K2VCO	559	559	VIC725	CA
40CW	05-Nov-97	02:02	3	VE7CQK	559	559	PAUL20	BC
40CW	05-Nov-97	02:03	4	AF9T	559	559	JOHN1022	MN
40CW	05-Nov-97	02:04	5	AB7TK	559	569	RANDY102	ID
40CW	05-Nov-97	02:05	6	KA8OKH	559	559	RICH933	KY
40CW	05-Nov-97	02:06	7	N5JI	559	569	DICK1054	TX
40CW	05-Nov-97	02:08	8	K10J	559	559	OJ732	TX
40CW	05-Nov-97	02:09	9	N7KT	559	579	ROGER62	AZ
40CW	05-Nov-97	02:10	10	K5JHP	559	559	BILL825	TX
40CW	05-Nov-97	02:11	11	N5LU	559	579	BILL5W	OK
40CW	05-Nov-97	02:13	12	KQ5U	559	559	TERRY5W	TX
40CW	05-Nov-97	02:13	13	N9DD	559	559	TOM32	IN
40CW	05-Nov-97	02:14	14	WD4MSM	559	559	BARRY642	IN
40CW	05-Nov-97	02:17	15	K5ZTY	559	339	BILL473	TX
40CW	05-Nov-97	02:17	16	K5UP	559	559	GLEN21	OK
40CW	05-Nov-97	02:19	17	N7VE	559	559	DAN5W	AZ
40CW	05-Nov-97	02:20	18	K0EVZ	559	569	DOC861	MN
40CW	05-Nov-97	02:22	19	WB9HFK	559	559	MARK1159	IL
40CW	05-Nov-97	02:23	20	N4ROA	559	559	DAN970	VA
40CW	05-Nov-97	02:24	21	WB0T	559	579	JERRY1268	IA
40CW	05-Nov-97	02:25	22	NQ7X	559	599	FLOYD343	AZ
40CW	05-Nov-97	02:25	23	KU7Y	559	559	RON17	NV
40CW	05-Nov-97	02:27	24	AC5II	559	339	DON264	OK
40CW	05-Nov-97	02:29	25	K5OI	559	559	TIM73	NM
40CW	05-Nov-97	02:30	26	AC6LA	559	559	DAN515	CA
40CW	05-Nov-97	02:31	27	NQ7K	559	599	MIKE47	AZ

40CW	05-Nov-97	02:33	28	K1MG	559 349	MIKE614	CA
40CW	05-Nov-97	02:34	29	W5VBO	559 599	BRIAN404	AZ
40CW	05-Nov-97	02:36	30	WB4EXW	559 339	WATSON1086	NC
40CW	05-Nov-97	02:37	31	AC6KW	559 559	JEFF16	CA
40CW	05-Nov-97	02:38	32	AB7TT	559 599	JOE191	AZ
40CW	05-Nov-97	02:39	33	N6WG	559 559	BOB26	Ca
40CW	05-Nov-97	02:39	34*	AC6KW	559 559	JEFF16	CA Dup
40CW	05-Nov-97	02:40	35	KU4AF	559 559	JOHN987	NC
40CW	05-Nov-97	02:42	36	VE5RC	559 559	BRUCE886	SK
40CW	05-Nov-97	02:45	37	WB0ROQ	559 579	HARLEY	MO
40CW	05-Nov-97	02:46	38	KQ0I	559 559	MARK625	IA
40CW	05-Nov-97	02:48	39	N6XU	559 579	STAN66	CA
40CW	05-Nov-97	02:49	40	W0CLR	559 579	JERRY1241	MO
40CW	05-Nov-97	02:53	41	VE6NJK	559 559	NIELS1239	NW
40CW	05-Nov-97	02:55	42	AB5UA	559 559	CLIF478	OK
40CW	05-Nov-97	02:57	43	AA0ZZ	559 559	CRAIG1238	MN
40CW	05-Nov-97	02:59	44	KJ3V	559 559	LYNN1227	AL
40CW	05-Nov-97	03:02	45	VE3SP	559 339	RON464	ON
40CW	05-Nov-97	03:04	46	KC1FB	559 539	JIM29	CT
40CW	05-Nov-97	03:05	47	W5HNS	559 559	HENRY178	TX
40CW	05-Nov-97	03:06	48	W5TFB	559 599	JACK282	TX
40CW	05-Nov-97	03:08	49	N7CTJ	559 549	DICK843	NV
40CW	05-Nov-97	03:11	50	AB7OA	559 559	KENT57	AZ
40CW	05-Nov-97	03:12	51	KA3WMJ	559 559	KEN355	PA
40CW	05-Nov-97	03:16	52*	VE5RC	559 229	BRUCE886	SK Dup
40CW	05-Nov-97	03:17	53	W2PFS	559 449	HAL5W	NY
40CW	05-Nov-97	03:19	54	N5ZN	559 559	ANIBAL736	TX
40CW	05-Nov-97	03:20	55	WE6W	559 599	ED1068	CA
40CW	05-Nov-97	03:21	56	KI7MN	559 599	BOB271	AZ
40CW	05-Nov-97	03:22	57	KE5TC	559 579	ROYCE1057	OK
40CW	05-Nov-97	03:23	58	N2VPK	559 449	MARK1W	NY
40CW	05-Nov-97	03:25	59	KB0ZDF	559 459	DEAN916	IA
40CW	05-Nov-97	03:27	60	W5FN	559 559	TIM586	TX
40CW	05-Nov-97	03:31	61	AA2PF	559 559	DAVE306	NY
40CW	05-Nov-97	03:32	62	NR3Z	559 559	MARTY813	PA
40CW	05-Nov-97	03:33	63	AB7MY	559 449	GARY571	AZ
40CW	05-Nov-97	03:35	64*	AA2PF	559 559	DAVE306	NY Dup
40CW	05-Nov-97	03:36	65	WA6NAE	559 559	DWIGHT2W	CA
40CW	05-Nov-97	03:37	66	W6KI	559 459	GLEN138	CA
40CW	05-Nov-97	03:41	67	VE3JC	559 549	JOHN744	ON
40CW	05-Nov-97	03:43	68	WA9PWP	559 459	PAUL127	WIS
40CW	05-Nov-97	03:44	69	N7XJW	559 599	BERTIE2521	AZ
40CW	05-Nov-97	03:46	70	W03B	559 559	BOB195	CA
40CW	05-Nov-97	03:48	71	KS4HQ	559 449	BOB801	NC
40CW	05-Nov-97	03:56	72	NI0A	559 559	JOHN689	MN
40CW	05-Nov-97	03:59	73	W9UQB	559 449	MIKE413	MO

- 3 dups

70 QSO'S

Date: Wed, 5 Nov 1997 08:34:59 -0600
From: Ed Manuel <n5em@flash.net>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [30287] RE: NorCal... 2N2222... and W1FB
Message-ID: <01BCE9C5.B6A30F60@hsh3-71.FLASH.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

I agree in part with Gary. But, how about NorCal make the Annual Dayton = Building Contest award generally the W1FB Award. Might not want to do = 2222's next year but whatever is the homebrew idea at the time, Doug was = one of the guiding lights.

Ed, N5EM

From: rflight@VNET.IBM.COM[SMTP:rflight@VNET.IBM.COM]
Sent: Wednesday, November 05, 1997 12:09 AM
To: Low Power Amateur Radio Discussion
Subject: NorCal... 2N2222... and W1FB

Gang;

What say we add to the chaos now underway and pressure our friends at NorCal to award the 2N2222 contest winner the first annual W1FB award =

Date: Wed, 05 Nov 1997 10:15:03 -0500
From: Nick Franco <kf2ph@bnl.gov>
To: qrp-1@Lehigh.EDU
Subject: [30288] FOX: At Least I Heard Him This Time!
Message-ID: <34608D77.8C3EDD94@bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Heyo Gang,

I hooked up a new antenna with the elmering assistance of Jerry - KD0CA and L.B. - W4RNL. I had this 80m dipole that I wanted to get onto 160 with. Following their advice I was able to run window line down and into the house through the sill plate and into my basement shack. I twisted the ends of the feed line together and connected them to the Random Wire terminal of my MFJ 941D tuner. Bingo! finally something that will tune on 160 - a first for me. I checked out the other bands and this wire tunes well on 40, 80, and 160. I have the Butternut for 10 through 80, so a little overlap for comparison on 40 and 80.

I listened last night for W7QQQ for the full 2 hours. I heard him 3 times in there calling CQ and tried once to call him back. When I heard him one time, I switch to the Butternut and he was gone due to the noise increase and also the signal level of the stations dropping by about 1 S

unit. I was actually surprised that the sig strength went up on the wire. It was a pleasure to hear the Fox for a change. I only heard the

one N/T Fox which I worked on the vertical. So the Fox excitement had risen to a higher lever after the depression I was feeling since the season started. I'm encouraged now. If I can at least hear him, then I have enough enthusiasm to hang in there for the 2 hours to try to work

him when the major pile-up lightens up. BTW: I didn't hear him until after 0300 z here on LI.

So I want to encourage others out there that if you have someplace to hang some wire do it, even if you don't have quite enough room to do it "right." There are other ways to get your wire to tune up on the band of your choice then to have it set up in a text book configuration. There is also a wealth of knowledge and experience on this great list of

ours; all you have to do is ask. I felt a little stupid asking these guys some of the elementary questions about matching and tuning and feedline characteristics, but hey!, I didn't have the experience in this

area so I had to ask someone else. It paid off big time for me. I came out of the deal with a success story.

Now to just work one of these DX foxi I been chasin' all season so far.

Good Luck, God Bless es 72,
Keep Flappin' 2 Paddle Handles (kf2ph)

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Mgt. Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Wed, 5 Nov 1997 09:36:03 -0600 (CST)
From: Gary Sehne <gxs@cypress.com>
To: qrp-l@Lehigh.EDU
Subject: [30289] Doug DeMaw?/ Altoids case
Message-ID: <199711051536.JAA10141@diamond.cadc.cypress.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Guys, I haven't been really active here in a while, but I just read in Pop Communications, or Monitoring Times that Doug DeMaw became a silent key. What a loss for the QRP community. Apologies if I missed an earlier post on this.

On a more pleasant note, I saw the ultimate Altoids case! in Walgreens here in Austin, an Altoids tin on steroids (about 3X the size of a normal tin), but built like a normal one. Big enough for QRO! I've already pointed it out to my wife for Christmas.
Gary, N2KTY

Regards,
Gary Sehne

Date: Wed, 5 Nov 1997 09:46:04 -0600 (CST)
From: Jack Bryant <Jack.Bryant@math.tamu.edu>
To: qrp-l@Lehigh.EDU
Subject: [30290] SS QRP calls
Message-ID: <199711051546.JAA15996@laplace.math.tamu.edu>

Here are the 59 (10% of all) QRP calls I logged:

K0FRP	W0UN	K5IID	W2CS	N4UW	N5TJ	KG5U	N5RZ	AA6W	AE4IC
AC6LA	W6TOY	W9IK	W8RU	K8XXX	WB6JBM/8	K1TR	K6EIL	WS4S	K2EBA
N3GM	WA8RXI	N3ZZ	KC1F	WZ2T	N0UR	W0HEP	KA10	K80UA	KU7Y
WD0FTW	VE6BIR/7	K1RC	W6JVA	N7ML	N2VPK	W1EAT	KB7TV	W6JHB	W1AW
K3CR	KD2I	W6JTI	KF2HC	W6LX	N0AX	KK6MC	W7GB	K3SMN	N4ROA
N7IR	VE6GK	K3AJ	W7WHO	K9NO	AD8J	K4GEL	WD3P	NC7W	

-Jack W5TFB

Date: Wed, 05 Nov 1997 08:09:16 -0500
From: Stephen Gibson <SWGibson@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [30290] Sale of 40A and SST
Message-ID: <19971105154809.AAA8122@DEFAULT>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to all who responded to the sale of the 40A and the SST; too many for individual answers. They have gone to what I hope are happy homes and will be connected to 4-el beams with a DXCC on the horizon. This confirms the reputation of NorCal and Wilderness Radio. Keep up the good work, men.

73

Steve, WB4NBI

Date: Wed, 05 Nov 1997 09:52:14 -0600
From: "Jeff M. Gold" <jmg@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [30291] Tick II-K1EL compatability
Message-ID: <3460962E.11A674B2@tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

All,

well got my second K1EL last night.. was really rushed, but took it out of the mailer, took out my Altoids keyer/paddle combo, opened it up and

popped out the tick II from the matching circuit board. I popped in the K1EL and gave it power. Worked great the first time.

I really appreciate the way it comes configured the way I want for most things. The other thing is that since it is coded into the chip, I can have an on/off power switch on the combo and when I am ready switch on the power and it comes up configured the way I want complete with calling CQ.

72

Jeff, AC4HF

--

Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
(615)372-3979

Date: Wed, 05 Nov 1997 09:53:59 -0600
From: "Jeff M. Gold" <jmg@tnitech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [30292] SGC-2020
Message-ID: <34609697.29F643B4@tnitech.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Anyone get any updates on the expected ship dates for the SCG?

72

Jeff, AC4HF

--

Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
(615)372-3979

Date: Wed, 5 Nov 1997 16:16:00 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-l@Lehigh.EDU, Dave.Ackrill@LotusXchgPG.powergen.co.uk
Subject: [30292] Re: QRP Satellite Heard
Message-ID: <19971105161558.AAA26866@LOCALNAME>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I'd be interested in finding a web site that posts the pass times, so we could give it a try here. Anyone help with this? =s=

.....

At 10:41 AM 11/5/97 +0000, you wrote:

>
> In case anyone has not heard, there is a QRP satellite running in the 2M
> Amateur Satellite band.
>

>
Seab Lyon, AA1MY, Bethel, CT, USA
FN-31-HJ; ARRL; QCWA; ACRI#9253;
QRP-L#574; NEQRP#511; Pres., C.A.R.A.:
<http://www.danbury.lib.ct.us/org/cara>

Date: Wed, 05 Nov 1997 08:21:20 -0700
From: "Michael Fletcher" <kl7ixi@mailcity.com>
To: qrp-l@Lehigh.EDU
Subject: [30293] alternative to Panavise
Message-ID: <DABLHLEHMLABBAAA@mailcity.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've received several queries to a reference to an AZ ScQRPion PC board holder.

I traced the originator to Baity Bartel WL2Q (I think I have the call correct) of NORTEX. A copy was at a hamfest in Arizona and the ScQRPions knew a good idea when they saw one.

Chuck, K5F0, says to look in the new QRPP for details on the board holder. The ScQRPions used it for a money raiser and I bought mine for \$1. The holder secures my loaded Sierra PC board with no problem, probably the largest board that I'll be soldering on in the near future. Like all good projects, this one can be modified!

For anyone on the list that doesn't get QRPP (shame on you! <G>), drop me an e-mail

and I'll send the info, but the QRPP will have illustrations.

72,

Mike KL7IXI

AZ ScQRPions AK/QRP NorCal QRP-L
burning solder in Vancouver

Get your free and private web-based e-mail from our new partner at <http://www.mailexcite.com>

Date: Wed, 05 Nov 1997 11:26:19 EST
From: sigcom@juno.com (Stephen M Smith)
To: qrp-l@Lehigh.EDU
Subject: [30293] 2N2222 thanks
Message-ID: <19971105.082921.8351.3.sigcom@juno.com>

Group,

My request for information on parallel 2N2222s for power amps has been fulfilled.

Thank you guys.

73.....Steve, WB6TNL

Date: Wed, 5 Nov 1997 09:24:36 -0700
From: gsurrency@juno.com (Gary L L Surrency)
To: qrp-l@Lehigh.EDU
Subject: [30294] W1FB Award; Fox kudos
Message-ID: <19971105.092437.3446.1.gsurrency@juno.com>

Gang,

I can think of no one more deserving than Doug DeMaw of an award to commemorate his extensive contribution to ham radio and QRP. I have many of his books, and have read many, many, articles from Doug all the way back to my early Novice days.

This is an excellent idea, and a Dayton QRP award in his name would be very fitting.

On another topic:

Barely managed to work Jack, W7QQQ last night. The QRN / QRM was awful, and he is fairly close to me so the path was not good. Thanks Jack for pulling me out of the mud. That was quite an impressive list of contacts for such poor conditions. I had to use three rigs (HW-9, TAC-1, TS-570D) to finally find your signal!

BTW, were the ScQRPions Keystone Cops Mobile Fox Raiders on patrol?

Great job, Jack! Now to see if we can survive the upcoming CME due soon. :-(

72,

AB7MY

Gary Surrency

Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Wed, 05 Nov 1997 08:35:23 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30295] FOX: W7QQQ Bagged!
Message-ID: <3460A04B.2DF8@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jack was a sly one! First heard the hounds at 7040.5 or so.

Couldn't hear Jack so I held onto my call. Then the qrm started...

Picture this:

I've got my audio resonator speaker, my ear close to it. I can just hear the hounds at 129 rst and there's a ragchew on both sides of the fox. QRO and seems they'll be chatting forever. Finally: SK TU es hope to wrk u agn om.....

It gets quiet and I can hear the FOX return at 229. THEN Trella-BreetTT-Urp Urp urp!! WHAT THE H?!!? RTTY. Bummer. Then two more get on freq. with QRL? and CQ CQ forever...

Why doesn't everyone just use 7040.5 tonight! I couldn't believe it.

So I decide to listen casually and work on

getting the last parts on my Norcal Paddles. What? They forgot to Tap 4-40 threads in the Dit or Dah post! So I had to fix the kit with my handy Tap/Die set!

Almost done with this when I decide to tune down to 7038 or so and hear 599 SIG BOOMING--> CQ FOX DE W7QQQ

Is this guy using a QUAGI BEAM now? Have I been listening to the Upper sideband on my OHR-100?

Quickly worked Jack and the satisfied hound trots to his warm rug near the fireplace, circles once or twice and rests his weary head on outstretched paws. Warm and comfy he drifts off to sleep.

Gn Fox, es TU.
-Ed Loranger

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,OHR-100, Pixie2, Johnson Viking II, Drake TR-3
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Wed, 5 Nov 1997 8:53:00 -0600
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: qrp-l@Lehigh.EDU
Subject: [30295] A Fox, at last
Message-ID: <M2201178.001.6nj90.1.971105170644Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Thanks for the fox contact, Jack. Was getting worried, as I didn't hear you or any hunters until almost 0230 UTC. Found you and worked you at 0239 as I recall. Then you disappeared again until almost 0330 UTC. At that point you came up to almost 589!. I monitored you until the end, trying to pick up the calls of hunters for the Alaska QRP-L award. Could only make out nine, so will have to try another night. I'm just glad it wasn't my night to be fox, as I would have had a sorry Fox tale to tell. Hope you did ok from your QTH.

Boy, if conditions stay the same for Thursday evening, Mike K1MG will have a time of it. Hope his aluminum overcast is up to the task. I hope he can make it across the bay.

72,
Bob N6WG and Ol' Kenwood

Date: Wed, 5 Nov 1997 9:56:00 -0600
From: Dan Tayloe-P26412 <Dan_Tayloe-P26412@email.mot.com>
To: azqrp@dancris.com, qrp-1@Lehigh.EDU
Subject: [30296] Re: Tues Fox
Message-ID: <M284288.052.6nh8.1.971105170616Z.CC-MAIL*/OU=SATCG/OU=AZBH/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Message authorized by:
: ki7mn@dancris.com@INTERNET at #EMAIL

It looks like my message last night didn't make it out. Rather than run the fox down to his lair with mobile set up, I stayed home last night and worked on my '2222 project.

Sunday, I got the mechanical stuff together: A chassis (double sided PC board of course!), antenna jack, key jack, power plug, tuning vernier, volume control, power control, RIT, earphone jack, and power switch.

Monday night, I got the audio amp working. I got lots of gain, but also quite a bit of high frequency hiss. It was astounding (to me) how this can be largely eliminated with a few properly sized caps in the right place.

Last night I worked on the detector and the BFO and listened to a test signal set to the IF frequency. The tone I got in my headphones sounded "buzzy" and the BFO was oscillating at parallel resonance instead of the desired series resonance, which placed it 1 KHz lower than desired.

I guess tonight I chase down the audio distortion and reconfigure the BFO.

Oh yeah... I got the fox also. Although my rig died right in the middle of the exchange (got to replace that power connector!), I did get it going again and finished the exchange.

He seemed much weaker last night than he normally does. I think it was just that the band was *really* lousy. While looking for the Fox, I hear a nice strong KH6 station. The band must have gone way long.

There was never a big pile up on him either. I was really surprised to see he had worked 70 hounds. It seems that this year, there is no shortage of hounds, so even with poor conditions, the fox can work

nearly a full limit.

- Dan Tayloe, N7VE, Phoenix, Az, QRPL # 696, Az ScQRPions

Date: Wed, 5 Nov 1997 09:30:45 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <stan@cruzio.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [30297] Re: Fox
Message-ID: <199711051731.LAA23468@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> Monte Stark wrote:
> > ... I worked {the fox}
> > using the full 5w!
> > Then I went down to the lower end and found CY0DX around 7026.
> Stan N6XU wrote:
> Reverse procedure here. Worked cy0 last night using split - up 1.
> [Then I] called Jack and he came right back,

Sounds like standard operating procedure for Aluminum Allies. Work the easy rare DX, then go for the hard stuff, like foxes.

I couldn't understand the propagation last night. Stations heard were long, but the background noise (after I convinced my wife to turn off the computer) was short sounding.

Cruised around the bottom of 40 for a few minutes before the fox hunt and found CY0DX -- one call and in the log with 5 watts. At 0200Z, I slid back up to 7040 but couldn't find W7QQQ until a few minutes later, when I found him at the bottom of an anemic sounding pileup. He was fading in and out, and I finally caught him on a peak. I checked in later and he had come up several S units. By this time, he was working CA stations. Funny how the ionosphere works!

Can't wait to see what the charged particles hold in store for me on THURSDAY night, when I will be the FOX at 0200Z. I asked Bill Clinton to please shut down the country for two hours Thursday night so that the electrical noise would be diminished, but he mumbled something about "substantial campaign contributions". I left when he started chanting "...[something] zero, zero, zero, zero..."

cu Thursday,

Mike K1MG
Saratoga, CA

...How can you tell a true Sun worshipper? -- By his pale skin.

Date: Wed, 5 Nov 1997 13:15:11 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Cc: Dave Johnson KnightLite QRP Club <klqrp@acpub.duke.edu>, "N.J. QRP Club List Server" <njqrp@njqrp.org>
Subject: [30297] Power Polarity Indicator & Rig Protector
Message-ID: <Pine.BSI.3.96.971105125926.19762A-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just finished reading Digest 899 and thought that I would add my .02 to the subject.

My thought is a small pcb attached to the incoming power connector which would contain a RED LED and series resistor across the power jack and a GREEN LED and series resistor in parallel also across the incoming power jack. The Hot (+ lead of the power would pass thru a miniature solder lead fuse (Pads for adding it after the first "Blown fuse") The actual original fuse can be a very narrow segment of the pcb trace. The PCB trace is the "Actual Original Fuse". I am sure that you guys have seen this done in commercial equipment. Then the power goes to the On-Off switch and on to the circuit. There is a power Diode across the Output side of the power switch to ground. This will blow the fuse if the wrong polarity of power makes it past the switch.

This allows you to start with the power off, connect your power plug and see if you have the polarity correct (Green ON) before turning on the switch. If the power is the wrong polarity, the (RED ON) led will light, but nothing else happens unless you ignore the indication and operate the switch which causes the "Fuse" to blow and the RED Led Remains Lighted to remind you of the error of your ways. :^)

You also have the added feature of a built in Power indicator. No matter what the polarity. :^)

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station KB3BVG
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Wed, 5 Nov 1997 12:45:20 -0500
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "qrpforum" <qrp-l@Lehigh.EDU>
Subject: [30298] SS-QRP Question
Message-ID: <199711051829.NAA25762@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I heard W1AW in the contest, but was unable to work the station. -- they were search and pouncing, I think. Anyone know who was operating? Zack Lau?

Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. -- Benny Hill

Date: Wed, 05 Nov 1997 10:36:37 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: qrp-l@Lehigh.EDU
Subject: [30299] Pacificon Hospitality Room Pictures
Message-ID: <3.0.1.32.19971105103637.007196ec@telis.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jerry Parker did an outstanding job at Pacificon providing coverage of the QRP Forum sessions for the internet. He also did a wonderful photo essay of the NorCal QRP Open House held Saturday night. Jerry is in the process now of putting them on the web page. We had over 50 photos to go through and identify the people and the gear in them. I hope you enjoy these photos, as I feel that they really do capture the enthusiasm and excitement of the evening. Many famous QRPers are in the photos, and the range of equipment shown is just a small part of what was there. Hopefully you can attend in person next year.

Jerry will post to the net when the photos are ready for viewing, hopefully in the next couple of days. Stay tuned, you will love these.
72, Doug, KI6DS/M0BIV

Date: Wed, 05 Nov 1997 10:42:28 -0800
From: Charlie Panek <charlier@lsid.hp.com>
To: qrp-1@Lehigh.EDU
Subject: [30300] Re: QRP Satellite Heard
Message-ID: <3460BE14.2090@lsid.hp.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Re: QRP Satellite Heard
>
> -----
>
> I'd be interested in finding a web site that posts the pass times, so we
> could give it a try here. Anyone help with this? =s=
>
>
>
> At 10:41 AM 11/5/97 +0000, you wrote:
> >
> > In case anyone has not heard, there is a QRP satellite running in the 2M
> > Amateur Satellite band.
> >
>
> >
> Seab Lyon, AA1MY, Bethel, CT, USA

Currently, and probably for some time, the Sputnik replica is close enough to Mir, that orbital info for it is close enough to locate the Sputnik as well. There are two solutions for you:

1) Get yourself a satellite tracking program for your PC (see <http://www.amsat.org>) and use orbital elements for Mir. (here's some fairly recent elements for Mir, to help:)

MIR
1 16609U 86017A 97303.54346590 .00005401 00000-0 70171-4 0 7293
2 16609 51.6526 125.4749 0006308 275.7252 84.2997 15.60596422668153

2) There is a web page with information on orbital passes over many cities that are *visible to the naked eye* (these occur when the observer is in darkness, but Mir is still in sunlight, usually just before sunrise, or after sunset locally)

<http://shuttle-mir.nasa.gov/shuttle-mir/ops/mir/tracking/target.txt>

However, these may not be the best passes for listening to the bird, as they might be low to the horizon.

In your case, I ran some predictions for Hartford, CT through SatTrack. Here are maximum elevation times for passes when the satellite gets more than 20 degrees above the horizon:

Thu 06 Nov 97	6:17am EST	49.5 deg
	11:07pm EST	40.4 deg
Fri 07 Nov 97	5:18am EST	77.5 deg
	6:55am EST	20.9 deg
	10:08am EST	24.8 deg
	11:45am EST	52.6 deg
Sat 08 Nov 97	5:56am EST	31.4 deg
	10:46am EST	69.3 deg

This is when Mir should be at its peak, but Sputnik might be a minute or so later.

We heard Sputnik here yesterday. First on a near overhead pass, on a Yaesu HT with a rubber ducky, sitting in the window of a steel building.

Then on a 20deg elevation pass with the same HT, and a 1/4 wave whip, outside.

The signal was weak but quite plain. The HT was tuned to 145.825 both times.

There's a web site (in France) for the Sputnik replica:

<http://www.oceanes.fr/~fr5fc/angspoutnik.html>

--

Charlie Panek KX7L	Hewlett Packard Company
mailto:charlier@lsid.hp.com	Lake Stevens Division
	Everett, Washington

Date: Wed, 5 Nov 1997 14:02:40 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: "Bill (Tejas Kits) Hickox" <k5bdz@aol.com>

Cc: QRP List <qrp-l@Lehigh.EDU>, Niel Skousen <nskousen@Sciencetech.com>
Subject: [30301] Dual Coax Feeds.
Message-ID: <Pine.BSI.3.96.971105131525.19762B-1000000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Bill,
I just finished reading Digest 899 and thought I would comment on your comments. First I will agree with you that Dual Coax Feed is the way to go in that situation.

I recall a discussion with Neil Skousen, WA7SSA at one of our Maryland Milliwatt Dinners some time back. Neil described how he used the Dual Coax Feeds for a Buried Antenna Design. Very interesting idea itself.

John Heys, G3BDQ shows using Dual 50 Ohm Coax Feeds for the Full Wave Delta Loops in his book Practical Wire Antennas.

I have some Dual 75 Ohm Coax that I plan to use on the next generation of my horizontal loop. I am also thinking of running some underground to a spot that I like to use for some of my antenna trials. Maybe this time I will put some PVC in the Ground and run my dual coax in it and make up a Banana plug connector on the end of the PVC Pipe Cap for Connecting to the Ladder Line Feed to the Antenna.

Have you ever tried Quad Coax Feeders? I had a notion of paralleling a pair of Twin Coax in a Quad arrangement to see how that would work for feeding a Loop Antenna. Maybe I will sketch out my plan and ask L.B. to run it thru the computer.

I also liked your comment on Just Try it and See for yourself. That is exactly what I do all of the time. :^)

Thanks again for reminding me of this trick.

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station KB3BVG
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Wed, 5 Nov 1997 14:17:56 -0500
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
To: "QRP-L Internet QRP Club" <qrp-l@Lehigh.EDU>
Subject: [30302] TR or NA have ARCI templates?
Message-ID: <01bcea1f\$85f8eba0\$3a4ecd80@madams2.facilities.buffalo.edu>
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="-----=_NextPart_000_0010_01BCE9F5.9D22E3A0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0010_01BCE9F5.9D22E3A0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi Gang,

I know I asked this before but I cannot find the reply messages.=20

Do either TR or NA come with ARCI templates? Can either program be =
customized to handle "oddball" exchanges like the Co QRP Club tests?

I have been using EQF for day-to-day logging but it is not good for =
contests. I tried CT for contesting and do not like it. It will be =
either CT or NA.

BTW, I worked W7QQQ, aka the fox from WNY using my SW40 and B*Nut HF6V =
at 900mW so I am a happy camper today! Oh, it was on the FIRST call no =
less.

72, Mark N2VPK
Member of the Buffalo QRP Connection

-----=_NextPart_000_0010_01BCE9F5.9D22E3A0
Content-Type: text/html;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
<HTML>
<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>

```
<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>
</HEAD>
<BODY bgColor=3D#ffffff>
<DIV><FONT color=3D#000000 size=3D2>Hi Gang,</FONT></DIV>
<DIV><FONT color=3D#000000 size=3D2></FONT>&nbsp;</DIV>
<DIV><FONT size=3D2>I know I asked this before but I cannot find the =
reply=20
messages. </FONT></DIV>
<DIV><FONT size=3D2></FONT>&nbsp;</DIV>
<DIV><FONT size=3D2>Do either TR or NA come with ARCI templates? Can =
either=20
program be customized to handle &quot;oddball&quot; exchanges like the =
Co QRP=20
Club tests?</FONT></DIV>
<DIV><FONT size=3D2></FONT>&nbsp;</DIV>
<DIV><FONT size=3D2>I have been using EQF for day-to-day logging but it =
is not=20
good for contests. I tried CT for contesting and do not like it. It will =
be=20
either CT or NA.</FONT></DIV>
<DIV><FONT size=3D2></FONT>&nbsp;</DIV>
<DIV><FONT color=3D#000000 size=3D2>BTW, I worked W7QQQ, aka the fox =
from WNY using=20
my SW40 and B*Nut HF6V at 900mW so I am a happy camper today! Oh, it was =
on the=20
FIRST call no less.</FONT></DIV>
<DIV><FONT color=3D#000000 size=3D2></FONT>&nbsp;</DIV>
<DIV><FONT color=3D#000000 size=3D2>72, Mark&nbsp;</FONT><BR>Member of =
the Buffalo=20
QRP Connection<BR></FONT>&nbsp;</DIV></BODY></HTML>
```

-----=_NextPart_000_0010_01BCE9F5.9D22E3A0--

Date: Tue, 4 Nov 1997 19:31:53 +0000
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
To: qrp-l@Lehigh.EDU, gqrp-l@blacksheep.org
Subject: [30303] GQ2000
Message-ID: <yycevAApg3X0Ewlt@gqrpclub.demon.co.uk>
MIME-Version: 1.0

The url was incorrect on my index page, typo!
Corrected now:

<http://www.gqrpclub.demon.co.uk/GQ2000.htm>

--
Frank, G3YCC
QRP web page: <http://www.gqrpclub.demon.co.uk>

Date: Thu, 06 Nov 1997 04:02:51 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: qrp@pandora.lugs.org.sg
Subject: [30304] MiniCircuits VCOs
Message-ID: <3460d0eb.pandora@pandora.lugs.org.sg>

Hi,

I was wondering if anyone has tried using one of Mini-Circuits' VCO modules. These seem like very easy to use parts with linear tuning. Anyone has thoughts on these parts?

73 de 9V1ZV Daniel

--
+-----+-----+
Daniel Wee	daniel@pandora.lugs.org.sg
9V1ZV	
QRP-L #667	9V1ZV@amsat.org
+-----+-----+

Date: Wed, 5 Nov 1997 15:09:48 -0500 (EST)
From: Bob Patten <n4bp@shadow.net>
To: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30305] Re: TR or NA have ARCI templates?
Message-ID: <Pine.SOL.3.96.971105150840.6130E-100000@goliath>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 5 Nov 1997, Mark S. Adams wrote:

> Do either TR or NA come with ARCI templates? Can either program be customized to handle "oddball" exchanges like the Co QRP Club tests?

>

NA comes with ARCI template and handles the QSO Parties well. I've been using it for three or four years now...

73,

Bob Patten, N4BP (0 0) Plantation, FL
o00o-()-o00

E-Mail: n4bp@shadow.net
Web Page: <http://www.shadow.net/~n4bp/n4bp.htm>
Brass Pounder BBS: (954) 472-7715

Date: Wed, 05 Nov 1997 13:26:52 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30305] Wanted
Message-ID: <3460D68C.4F3F@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Fellow QRPer's!

Wanted: AEA 10m ht or Mizuho 10m
ht I have cash or will trade.
Thanks, Tom WB5QYT

Date: Wed, 5 Nov 1997 13:25:55 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [30306] Re: Fox kudos
Message-ID: <199711052025.NAA27809@usr09.primenet.com>

Howdy,

Gary (AB7MY) wrote:

 $\succ$

> BTW, were the ScQRPions Keystone Cops Mobile Fox Raiders on patrol?

Heck yeah! Despite my latest bout with the Plague o' the Week(tm), Floyd (NQ7X), Brian (W5VB0) and Mike (NQ7K) let me ride with them to Mesa, where we set up camp outside the Cold Stone Creamery, about a mile or so from the Fox's lair. My small cone of cheesecake-flavored frozen yogurt with whole black cherries and Krackle bars mixed in was

very therapeutic. ;-)

The Fox seemed weaker (down from 599++) than he had the previous time.

Thanks for the Pelt, Jack! Amazed you bit that many hunters given the way 40m was behaving. True Fox talent! :) Think Jack is the first Fox to finish their seasonal run. Thanks much for signing up and lettin' us all hunt you to the ends of the ionosphere. You have served with honor. Now return to your den and hibernate a bit until next year. You deserve a good rest. :)

(Oops - what with SS and the Plague and all, didn't get out a Fox Team Challenge Report as promised... Standby...)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Wed, 05 Nov 1997 13:33:50 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30307] Wanted
Message-ID: <3460D82E.3446@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Qrper's Last post did not look right,
so here we go again.
Wanted: AEA 10m ht or Mizuho 10m ht(if there is such a unit). Will pay cash or also have some qrp rigs to trade or both. Thanks, Tom WB5QYT

Date: Wed, 05 Nov 1997 20:41:58 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30308] Norcal Paddle Progress Report, we6w. AND ERRATTA
Message-ID: <3460DA16.4AD3@qsl.net>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello fellow Norcal Paddle owners! Have just finished the initial assembly of my kit. Will dissassemble, install magnet and do the final tweaking sometime this weekend.

I've learned a bit.

Painting: I avoid spray paint so developed this method that is beautiful. After thoroughly stirring your paint, use an old pillow case, wrap a single thickness section around your index finger. Obtain a drop or two of paint by breaking the surface with the covered finger.

Beginning at the far upper left of the base top, begin gently patting up and down with the whetted cloth covered finger. A smooth, yet slightly coarse finished looking coating begins to shape up. Keep dipping into the paint and daubing the base until it is completely covered. Let dry. Apply 3 or more coats as necessary.

Result: Looks like a nice powder coat and only uses about fifteen cents of paint! No left over spray can, eh?

Finish: I used 6 coats of Acrylic spray laquer. Looks nice.

Plastic Paddles: Line up the holes and you will see that some plastic needs to be removed. I placed the screw in from the wrong side, 4 threads poking out, and filed the plastic paddle such that the hole properly lines up when placed on the shaft. Take the screw out and install per instructions. Works FB.

ERRATTA: Instructions have a couple of errors. The custom 7/8 inch 'filed' screw is mentioned to have the solder lug slipped on, then placed in the physical center of the base, holding the center block. Yet the drawings show the correct configuration with washer and cable clamp. (Atta Boy! Paul)
So change the following 2 paragraphs:

> Next, use a 6-32 x 3/4 screw to attach the front part of the >assembly to the base. The screw that is nearest the center of the
>base. Place a solder lug on the screw and then place it in the >base. Align the

center magnet assembly as shown in the exploded
>drawing and tighten the screw. We purposely made the holes bigger >than they
needed to be to allow for alignment of the cente
>block.

sentence 2: ...nearest the center ^^REAR^^ of the base.... This
will be the 'ground' as shown in Detail 'C'.....

> Find the 6-32 x 1" screw. Use a file or a grinder to shorten >it to 7/8". The
1" screw is too long, and the 3/4" one is too >short. So,
>you need to adjust the length with a file or grinder. [This is a >kit, after
all.] Use your new "custom length screw" to attach the
>other side of the center assembly. This screw will be nearest the >edge of the
base. Put the cable clamp on the screw and then >insert it in the hole and
tighten. Set the paddles aside.

Change Sentence 3: This screw will be nearest the ^^CENTER^^ of
the base as shown in Detail 'C'.....

Dit and Dash Paddle Shafts: (Next Section)

Drawing Suggestions:

Main Dwg: Add Ground lug between screw/Washer, this
is at the rear,center of the Base and holds the magnet
assembly.

Detail B: Add ground lug here also as in Main Dwg.
ALSO: Add Cable clamp to the center magnet
assembly screw.

Thankyou Doug, Jim, Paul, and anyone else involved for a wonderful
kit, very buildable, and with so few errors -- especially given
the speed it was developed. Not bad for lamplight drawings to
production!

I hope this email paper is useful.

I love my kit!
-Ed Loranger, we6w

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Wed, 05 Nov 1997 22:38:34 +0100
From: Paul Cecil <cecilp@mail3.bunt.com>
To: qrp-1@Lehigh.EDU
Subject: [30309] 2N2222 Article
Message-ID: <3.0.1.32.19971105223834.007a3bb0@mail3.bunt.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I thought I would pass on an article I found that used a number of 2N2222s.

"The BP-80: An 80-Meter CW Transciever" by Mike Agsten, WA8TXT, February 1991 QST, page 23

The two main areas that exclusively uses 2N2222s is in the VX0 (or HX0 as the writer called it) and the BFO (or BX0 as the writer called it). The VX0 runs at 13.7 MHz and the BFO runs at 10 MHz. Yes the receiver is a superhet with a three-crystal IF filter, RIT, AGC, audio filters, and digital display. 2N2222s are also used for for switching and as a driver for the 5W PA. However, the mixers are JFETs, the IF amps are ICs and the audio preamp is a FET. Aside from that the article gave me some good ideas, especially the VX0 and BFO.

Paul Cecil
DA2PC / KA5FPT
Kaiserslautern, Germany
Ramstein Air Base

Date: Wed, 05 Nov 1997 14:19:50 -0800
From: laura halliday <ve7ldh@direct.ca>
To: daniel@pandora.lugs.org.sg
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [30310] Re: MiniCircuits VCOs
Message-ID: <3460F106.7E52130A@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

W. Daniel, 9V1ZV wrote:

> I was wondering if anyone has tried using one of Mini-Circuits'
> VCO modules. These seem like very easy to use parts with linear
> tuning. Anyone has thoughts on these parts?

As is generally the case with Mini-Circuits stuff, they perform

exactly as advertised, and are very hard to kill.

The only real catch is that, since they were designed to be babysat by a PLL, they are quite drifty by themselves. Fine for WBFM; not fine for CW/SSB. I use one in a 1.2 GHz to 100 MHz converter as part of my 10 GHz WBFM setup.

...laura

Date: Wed, 05 Nov 1997 17:24:37 -0500
From: Randy Hargenrader <randyh@harksystems.com>
To: qrp-1@Lehigh.EDU
Cc: klqrp@acpub.duke.edu
Subject: [30311] Pixie/49er Contest Rules
Message-ID: <3460F225.1225@harksystems.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Pixie and 40-9er Contest Rules

Dates/Time:

The contest will be held over a five day period, Friday, December 26th, through Tuesday, December 30, 1997. Hours will be 0100Z to 0300Z each night. You will report your best 3, two hour operating periods. You can operate for two hours each of the five nights, but you can only include your best three nights in your contest log.

Frequencies:

80 meters and 40 meters. Common frequencies for this contest are: 3.560, 3.686, 3.715, 7.040, 7.122 MHz.

Exchange:

The exchange will be RST, State/Province/Country, a 2 letter rig code and Name. The Rig Code will be used from the list below.

Scoring:

Points will be weighted to contacts by and with Pixies and 40-9ers.

*Pixie to Pixie	- 6 points
*Pixie to 40-9er	- 4 points

*Pixie to QRP - 2 points
 *Pixie to QRO - 1 point

*40-9er to 40-9er - 4 points
 *40-9er to QRP - 2 points
 *40-9er to QRO - 1 point

*Multiplier = SPC worked.

There are many versions of the 40-9ers with output powers and mods that vary including conversions to 80 meters. They are all considered "40-9ers" for scoring.

Rig Codes:

Pixie	PX
40-9er	49
80-9er	89
A&A	AA
Green Mtn	GM
Home Brew	HB
HeathKit	HW
Icom	IC
Index Labs	IL
Kenwood	KW
LCK	LC
MFJ	MF
Norcal	NC
Northeast	NE
Northwest	NW
Oak Hills	OH
Oner	ON
Sierra	SA
Small Wonder	SW
TenTec	TT
Wilderness	WR
Radio	
Yaesu	YS

Awards:

The operator making the most contacts using a Pixie will receive a Digital Dial kit donated by the Radio Adventures Corp.

The operator making the most contacts using a 40-9er will receive a Tick Keyer kit donated by the KnightLites.

The operator making the most contacts with 40-9er's and Pixie's

while operating any other rig will receive a Tick Keyer kit donated by the KnightLites.

Award Certificates will be issued for operators who earn the second and third highest scores for the Pixie, XX-9er, and "other rig" categories.

One person may only win one award. In the event that one person qualifies for more than one award, they will receive the one of the greatest value. In cases of ties, a coin will be flipped. The contest chairman, Randy Hargenrader, may participate but is not eligible for prizes and awards.

Reporting:

Send your logs before January 30, 1998 to:
Randy Hargenrader, WJ4P
132 Brandywine Dr
Summerville, SC 29485

Results will be posted on QRP-L and the Knightlite's Home Page.

--

73, Randy WJ4P
Knightlites QRP-L #296

Date: Wed, 05 Nov 1997 22:29:20 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: Drake-L <drake-l@fablotz.min.net>
Subject: [30312] Drake TR-3 sidetone answers.
Message-ID: <3460F340.1690@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

After suffering without sidetone on my DRAKE TR-3 I finally took a stab at adding it.

I decided an RF sensing 555 timer oscillator would be an easy choice, and later would hardwire a more permanent solution -- saving the external unit for future applications.

Well, I found out that the RF sensing 555 circuit with germanium detector needs about .5 watts to a 'Well Matched' and efficient antenna. But a 40 meter dipole operated at 80 meters proved

a learning experience! If anyone has ever used a ne-2 to monitor antenna output, I found this circuit also tells the story.

It takes about 60 Watts to the 'bad' antenna for the sidetone to function. So tone works FB on 40-15 meters with 3-5 watts.

At least now I know what fieldstrength is all about :)

Anyway, I am ready to integrate a sidetone into the Drake and am eager for suggestions.

One) Does anyone know "where" I can pick up the keying voltage?

I've searched and it ain't pretty...

And B) Circuit suggestion? Pleasing 750 Hz sinewave preferred.

Any Help appreciated!

Tks es 73/Ed Loranger, we6w

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8,0HR-100, Pixie2, Johnson Viking II, Drake TR-3
QRP-L#1068,ARCI#9397,Norcal#2227,ARS#275,AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Wed, 05 Nov 1997 17:36:02 EST
From: ab5uacw@juno.com (Clifton W Sikes)
To: qrp-l@Lehigh.EDU
Subject: [30312] Paddle kit arrived!
Message-ID: <19971105.163045.4999.0.ab5uacw@juno.com>

Received the first of my two paddle kits today. Happy day!! I run a one man Dental Lab, and there was more paddlery practiced today than Dentistry ;-)

Thank you Wayne, Doug, and especially Jim. Enjoy your trip to Scotland.

72, Clif

Clifton Sikes AB5UA
Earlsboro, Ok.

ab5uacw@juno.com

Date: Wed, 5 Nov 1997 17:43:52 -0500 (EST)
From: bruce muscolino <w6toy@pop.erols.com>
To: rflight@VNET.IBM.COM
Cc: n5em@flash.net, QRP-L@Lehigh.EDU
Subject: [30313] Re: NorCal... 2N2222... and W1FB
Message-ID: <2.2.16.19971105183126.2d975658@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gary,

You've got a very good idea here, but before you start a stampede please remember that Doug DeMaw's name belongs to him and his family. They would have to agree to using the name on an award and should be given the opportunity to say yea or nay to the idea proper. From folks who were close personal friends of Doug and his family I have been told this is not the time to broach the subject. Please be diplomatic about this and let the family's feelings be your guide.

73

Date: Wed, 05 Nov 1997 18:06:43
From: Steven Weber <kd1jv@moose.ncia.net>
To: k3tks@u1.abs.net
Cc: qrp-l@Lehigh.EDU
Subject: [30314] Re: Power Polarity Indicator & Rig Protector
Message-ID: <3.0.1.16.19971105180643.2607bd6a@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The actual
>original fuse can be a very narrow segment of the pcb trace. The PCB
>trace is the "Actual Original Fuse". I am sure that you guys have seen
>this done in commercial equipment. Then the power goes to the On-Off

Hi George and gang,

Good idea except maybe for the pcb fuse. It will work, but only once. If by chance you need it and it does go, replacing will be a problem, especially

if you are in the field. Much better to use a fuse you can easially replace.

I once had a marine radio come into the shop that was reverse connected. Had to junk the radio, cuz the polarity protection diode blow the pc track all right, but the one connecting to the diode! The one connecting power to the rest of the radio was left intact. Who ever laid out that board made a major mistake in where they placed the diode.

73,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 05 Nov 1997 17:40:22
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [30315] More 2N2 notes
Message-ID: <3.0.1.16.19971105174022.2dcf10bc@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello 2N2'ers

I rebuilt the 2N2 PA on a pc board, added a single section low pass filter, tweaked the turns ratio of the output transformer and now getting just under a watt out. That's more like it.

With the 2N2 pressed into a little block of aluminum (1" x 0.6" x 0.2" + fins), it barely gets warm after 5 minutes of key down. One caution: the metal case of the to-18 type is live, connected to the collector. I wraped a piece of mylar insulator for a to-220 type around the can before pressing it in the heatsink, along with some thermal gunk.

One of the last details to figure out was how to key the transmitter with a NPN pass transistor. In order to turn on the npn, one needs to put a resistor from the collector to base. The problem is, in addition to the inhearent diode drop, there is also a drop due to the base resistor. In order to pass much current, the base resistor needs to be on the small side. Now, to turn the pass transistor off, we need to pull the base to ground, using another transistor. No big deal, but if the collector-base resistor is a small one, we waste a lot of current pulling it to ground in the normal off state. One last consideration is that we really want to have at least some ramp up/down time to the switched voltage to keep key clicks to a minimum.

For a while, I was thinking of just using a fast reed relay to key the transmitter. This would eliminate the need for any pass transistors, but suppressing key clicks would be a major problem. Then I realised, I only needed to key the bias resistors for the transistors in the transmitter section. This has a couple of advantages. One, the current needed from the keying transistor is considerably reduced. Second, we don't need to have the voltage go all the way to ground, just low enough to turn everything off. Finally, we don't need the keyed voltage to go all the way to the plus supply, as we can compensate by making the bias resistors slightly smaller, if need be.

Now, since the keying transistor base resistor can be made a more reasonable value, like a few K ohms, we can hang a electrolytic cap on the base to slow down the turn on time. (say 10 - 22 ufd). Since the current to the bias resistors of the transmitter are fairly low current, (couple - 5 Mills) we can hang a fairly large electrolytic (say 100 ufd) on the output side of the keying transistor to slow down the turn off time. This should provide a fairly good keyed waveform. I'll find out latter tonight.

Finally, we need to turn the keying transistor on and off. A second 2N2, collector connected to the base of the pass transistor, emitter to a diode and then the ground. A bias resistor to the base completes it. Now the base is grounded with the morse key, which turns off the second transistor, allowing the pass transistor to turn on.

72N2,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 5 Nov 1997 18:16:25 -0500
From: "JakeCart" <JakeCart@ix.netcom.com>
To: <qrp-1@Lehigh.EDU>
Subject: [30316] Question: where can I get "enamel" wire
Message-ID: <199711052316.RAA14128@dfw-ix13.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello to all:

I have another question:

I am about to build my 49er and want to do the torroid mods which require "enamel" wire. Can anyone tell me where to get "enamel" wire. I assume it is different from the magnet wire that Dan's is selling for \$3 per 1/4 lb spool.

Thanks,
Jake [N4UY]

QRP-L #821, G-QRP #9557, AK/QRP #175, CQrp #46, NJ-QRP #74, NorCal#1457,
ARCI #9392, FISTS #3450
WAS W/C 49/46 need DE
WAS QRP W/C 43/36

Date: Wed, 5 Nov 1997 17:30:26 -0600
From: launerb@crl.com (William H. Launer)
To: qrp-l@Lehigh.EDU
Subject: [30316] DeMaw 2N2222 BFO Circuit
Message-ID: <v01530504b086ac5489ac@[192.0.2.1]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-L Gang:

A previous owner of my SP-600 receiver apparently had a "catastrophic failure" in the bfo circuit, because a substitute bfo circuit was "haywired in its place. It did work, but not very well. Doug DeMaw published "A Tuneable BFO For Collins Filters" in the Jan. 1997 issue of CQ. I just completed one, and installed it in the SP-600 (built it on perf board, didn't use a pwb), and it works very well. The circuit uses 2-2N2222's, so it bears looking at for the 2N2222 competition. I had to do a little "tweaking" to get it on frequency, because my scrounged parts weren't the same as those that Doug used. My version tunes from 450 kHz to 460 kHz.

I didn't have an MV2112 varactor, so I used a common 1N4007 rectifier instead.

72/73, Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arco #3551
Grid Square EM48RT

Date: Wed, 05 Nov 1997 19:00:03 -0500
From: Paul Helbert <phelbert@rica.net>
To: randyh@harksystems.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [30316] Re: Autek RF-1 "mods"
Message-ID: <34610883.1A005A8E@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brovo, Randy!

Your RF-1 mods are welcome, easily done, work fine.

Thanks,

Paul, Wv3j

Date: Wed, 5 Nov 1997 18:55:54 -0400
From: "W2MBY & W2MY" <n2mnn@spacegate.com>
To: "QRP-L message" <qrp-l@Lehigh.EDU>
Subject: [30317] FOX: N/T Fox Friday Night, W2MBY
Message-ID: <0034e35542305b7NS@spacegate.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi,
John here. I am the N/T Fox Oct 8, 01:00 to 03:00 UTC. Thats actually Friday night local time. THIS IS A SCHEDULE CHANGE! The previous time was 02:00 to 04:00 UTC. The new time will give everyone from the West to East coast a better chance to bag me. Can't make it any earlier or the guys on the West coast won't be home from work on time, and I want to work everyone I can. Hope to better my high score of 21 contacts from last time.

See you on 40 meters.

John, W2MBY

n2mnn@ spacegate.com

The e-mail address of:

John Pituch N/T Fox W2MBY (ex KC2CFZ)

Steve Pituch W2MY (ex N2MNN)

End of QRP-L Digest 900
